

FIG. 2

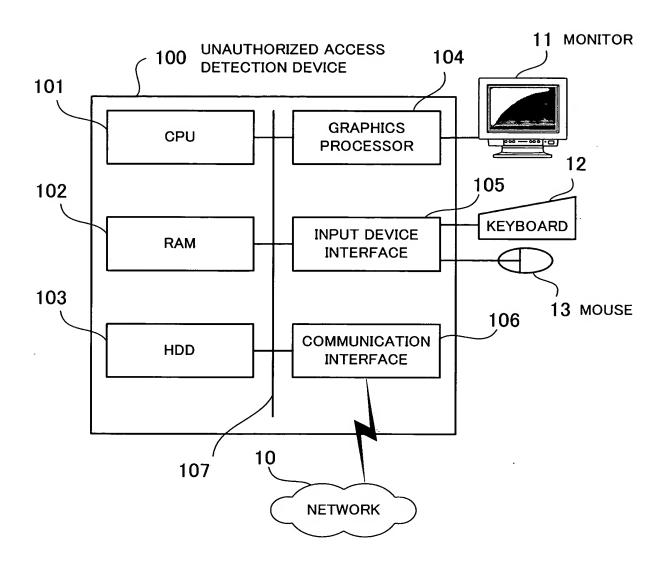


FIG. 3

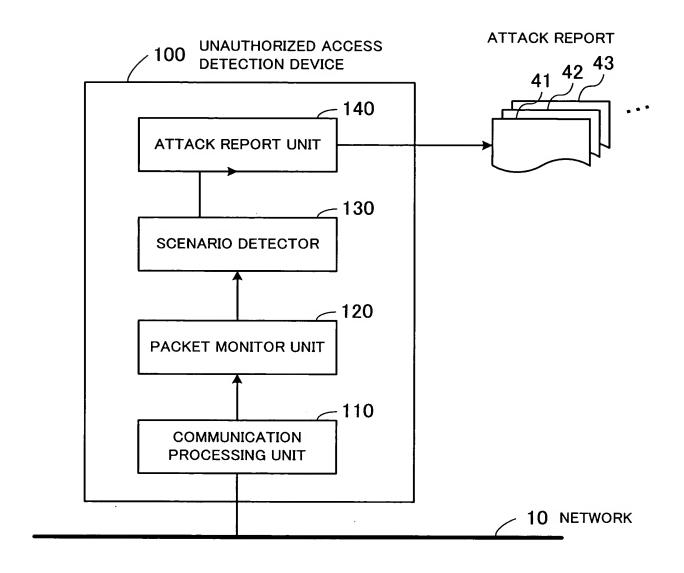
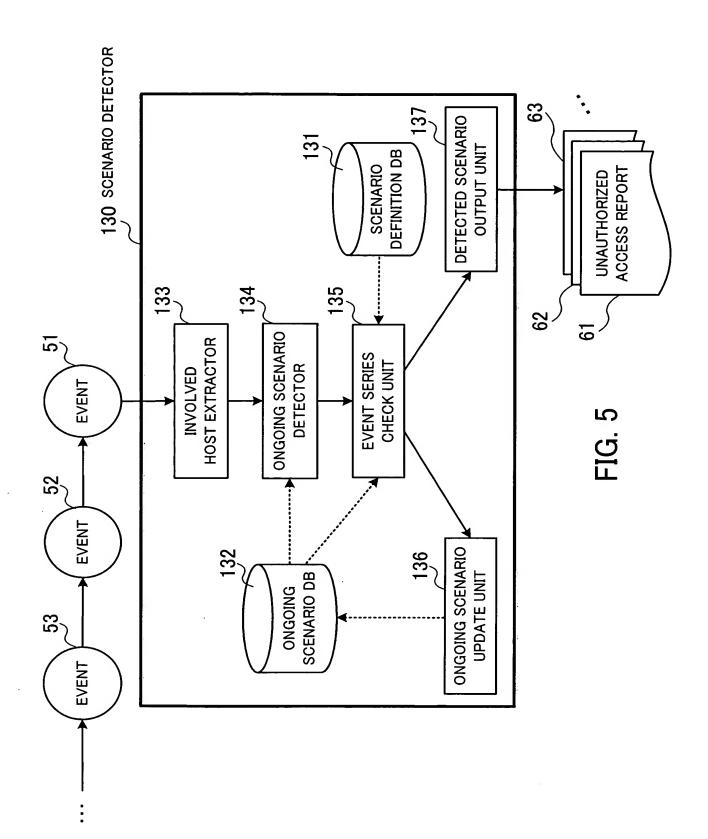


FIG. 4



131 SCENARIO DEFINITION DB

EVENT TRANSITIONS	EVENT a EVENT b EVENT c	EVENT a EVENT d EVENT c	
		N N N N N N N N N N N N N N N N N N N	
THE NAMES OF UNAUTHORIZED ACCESS SCENARIOS	UNAUTHORIZED ACCESS SCENARIO A	UNAUTHORIZED ACCESS SCENARIO B	

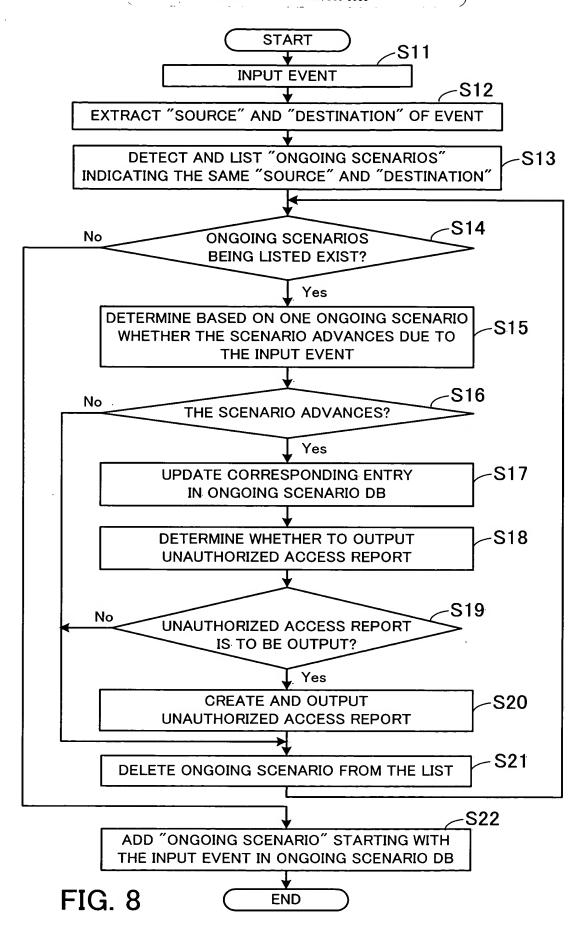
FIG. 6

132 ONGOING SCENARIO DB

PAIRS OF SOURCE IP ADDRESS AND DESTINATION IP ADDRESS	NAME OF UNAUTHORIZED ACCESS SCENARIO	DEGREE OF PROGRESS
192.168.1.5→10.10.100.100	UNAUTHORIZED ACCESS SCENARIO B SECOND STAGE	SECOND STAGE
10.1.1123→192.168.30.30	UNAUTHORIZED ACCESS SCENARIO D	THIRD STAGE

FIG. 7

DEVICE, METHOD AND... 4/12/04 Mitomo et al. - Atty. Docket No. 0828.70177 Greer, Burns & Crain, Ltd. (Patrick G. Burns) Sheet 8 of 23 (312) 360-0080



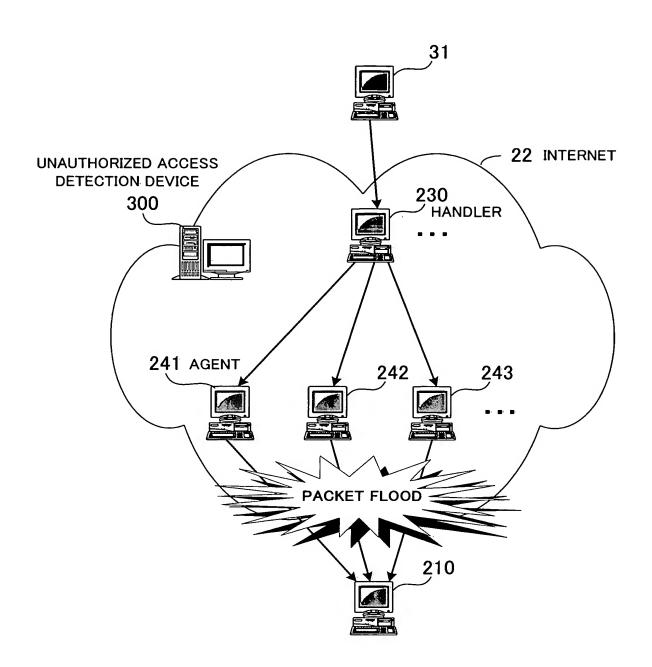
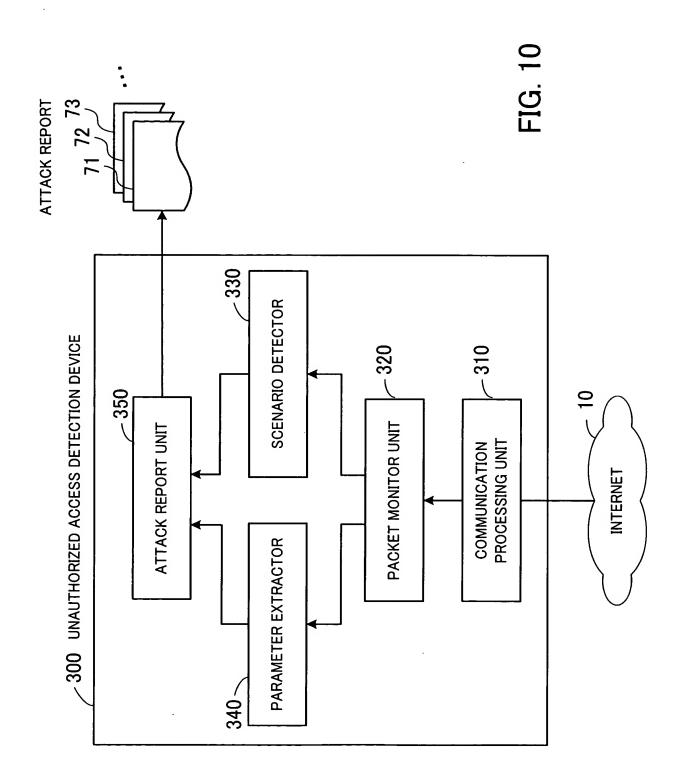
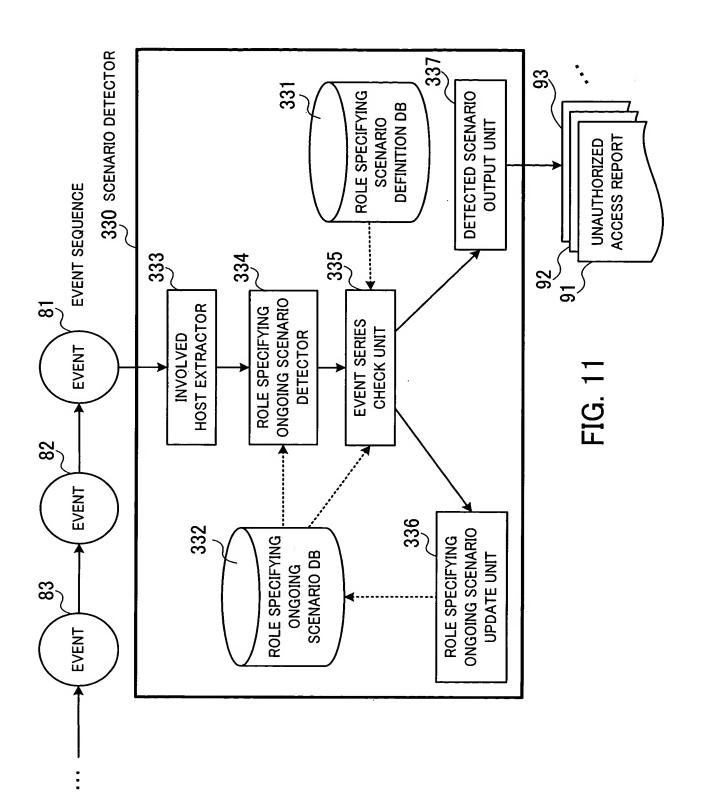


FIG. 9





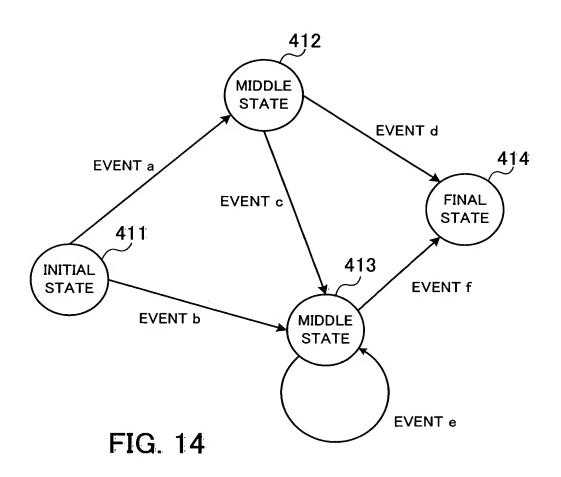
DESTINATION: TARGET SOURCE: AGENT EVENT c 331 ROLE SPECIFYING SCENARIO DEFINITION DB SOURCE: AGENT DESTINATION: HANDLER **EVENT TRANSITIONS EVENT b** DESTINATION: AGENT SOURCE: HANDLER **EVENT** a THE NAMES OF UNAUTHORIZED ACCESS UNAUTHORIZED ACCESS SCENARIOS SCENARIO X

FIG. 12

332 ROLE SPECIFYING ONGOING SCENARIO DB

ROLE-SPECIFIED IP ADDRESSES	P ADDRESSES	NAME OF UNAUTHORIZED ACCESS SCENARIO	DEGREE OF PROGRESS
192.168.1.5	AGENT	a diaminada sasada deriaduri inini	TO A TO
10.10.100	HANDLER	טואטן חטאובנט אטטבאא אטבואאזוט פ	SECOND STAGE
10.1.1.123	ATTACKER	a Cidentica soloce affidoutieni	HO GO
192.168.30.30	TARGET	טואטן חסאובט אסטבאט אספואאוט ט	מסאור סאודו
		•	•
•		•	•
		•	•
•		•	•
AND			

FIG. 13



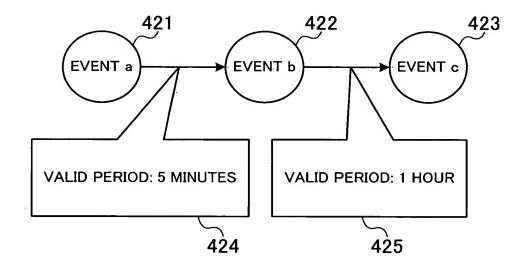
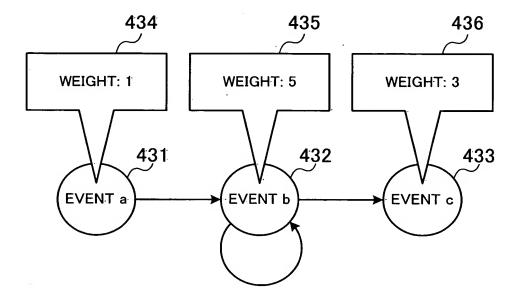


FIG. 15



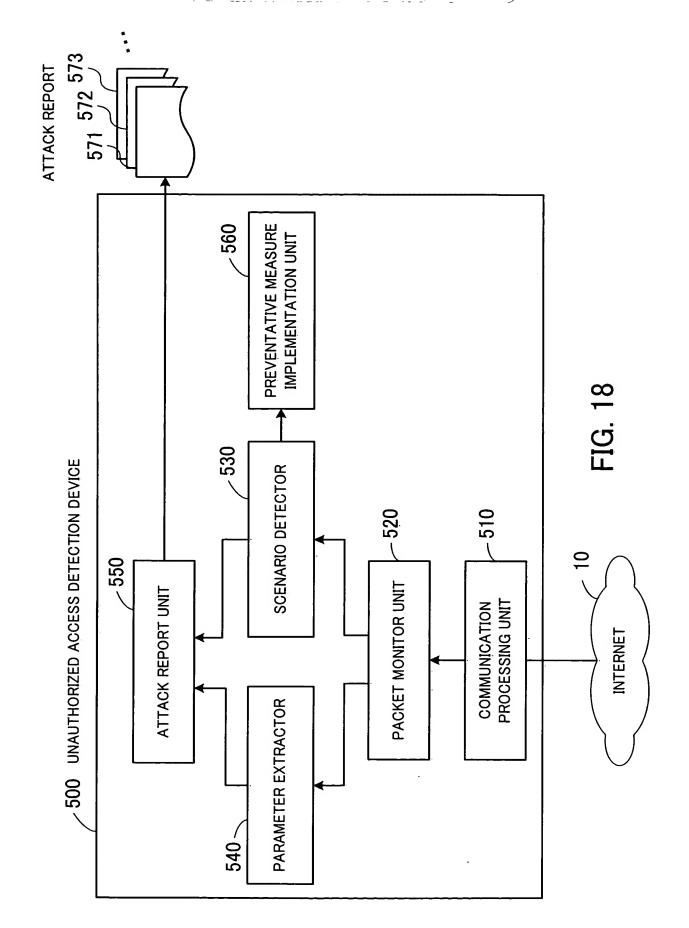
REPORT OUTPUT THRESHOLD VALUE: 8

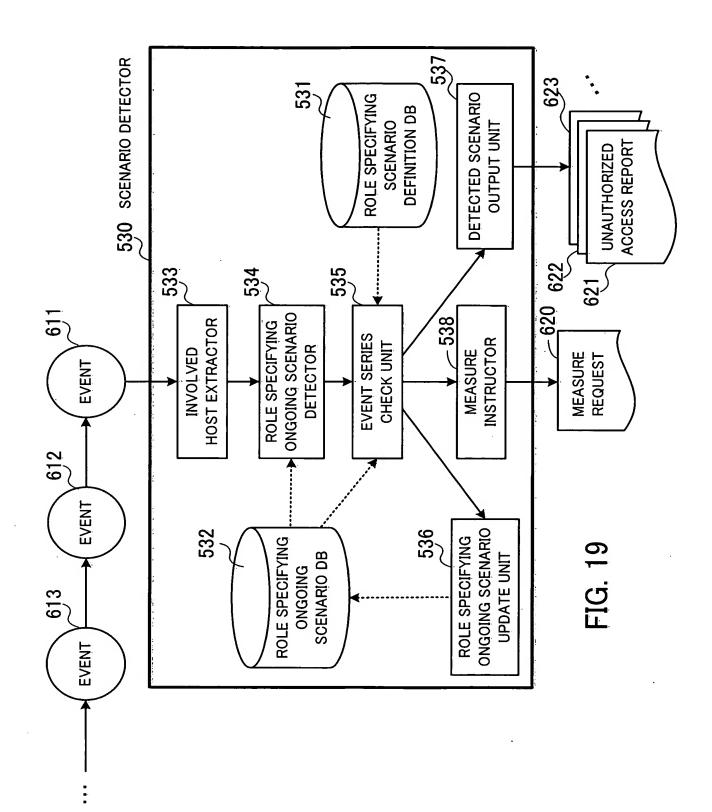
FIG. 16

132a ONGOING SCENARIO DB

Sanda di Politos do Satan		14101
ספקאטטא דו קטאטטט דט טאואר		1014
AND DESTINATION IP ADDRESS	UNAUTHORIZED ACCESS SCENARIO	WEIGHT
000000000000000000000000000000000000000	0 010 411700 001000 4 0717100117114111	ú
182.100.1.3 10.10.100.100	UNAUTHURIZED ACCESS SCENARIO B	0
00 00 00 00 00 00 00 00 00 00 00 00 00	4 010 4 411 4 11 1 1 1 1 1 1 1 1 1 1 1 1	•
10.1.1.23 → 192.188.30.30	UNAU I HORIZED ACCESS SCENARIO D	_
•	•	•
•	•	•
•	•	•

FIG. 17

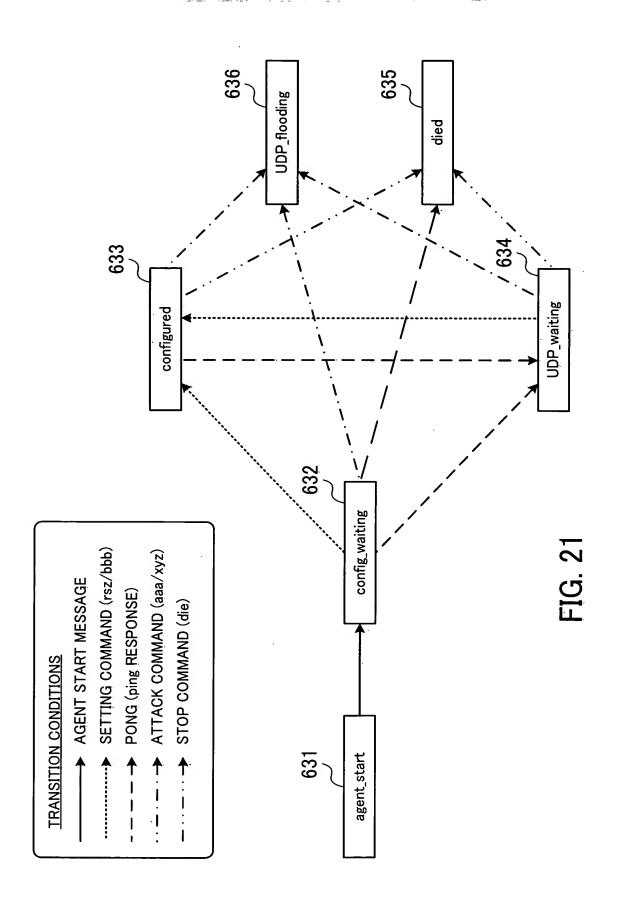




DEVICE, METHOD AND... 4/12/04 Mitomo et al. - Atty. Docket No. 0828.70177 Greer, Burns & Crain, Ltd. (Patrick G. Burns) Sheet 20 of 23 (312) 360-0080

COMMANDS TO HANDLER	COMMANDS TO AGENT	DESCRIPTION
msize	rsz	SET THE SIZE (BYTE) OF A UDP PACKET TO BE USED FOR FUTURE FLOOD WITH A PARAMETER
mtimer	qqq	SET THE LENGTH (SECONDS) OF FUTURE FLOOD WITH A PARAMETER
mping	Bud	CONFIRM WHETHER EACH AGENT IS ALIVE OR NOT
die	dle	STOP ALL AGENTS
sop	aaa	SEND UDP FLOOD TO IP ADDRESS SPECIFIED BY PARAMETER
sopu	z/ix	SEND UDP FLOOD TO IP ADDRESS SPECIFIED BY PARAMETER. A PLURALITY OF IP ADDRESS CAN BE SPECIFIED

FIG. 20



DEVICE, METHOD AND... 4/12/04 Mitomo et al. - Atty. Docket No. 0828.70177 Greer, Burns & Crain, Ltd. (Patrick G. Burns) Sheet 22 of 23 (312) 360-0080

640 PREDICATED IMPACT/MEASURE DEFINITION TABLE

TO IMPACT	TIME TO IMPACT POSSIBILITY OF IMPACT	SCALE OF IMPACT	PREVENTATIVE MEASURES
WITHIN 5 MINUTES	70%	LARGE	
WITHIN 1 HOUR	10%	LARGE	(BECAUSE OF VERY URGENT AND LARGE IMPACT)
WITHIN ONE DAY	10%	MEDIUM	

FIG. 22

DEVICE, METHOD AND... 4/12/04 Mitomo et al. - Atty. Docket No. 0828.70177 Greer, Burns & Crain, Ltd. (Patrick G. Burns) Sheet 23 of 23 (312) 360-0080

650 PREDICATED IMPACT /MEASURE DEFINITION TABLE

TIME TO IMPACT	POSSIBILITY OF IMPACT	SCALE OF IMPACT	PREVENTATIVE MEASURES
WITHIN 1 HOUR	10%	МЕDIUМ	NOTIFY THE ADMINISTRATOR OF A HOST (ADMINISTRATIOR HOST) THAT PROBABLY
WITHIN 1 DAY	40%	LARGE	LAUNCHES AN ATTACK, MONITOR COMMUNICATION FOR NEXT 3 DAYS, AND INTERRUPT, IF NECESSARY,
WITHIN 3 DAYS	. %08	LARGE	THE COMMUNICATION (BECAUSE IMPACT DOES NOT OCCUR SOON)

FIG. 23